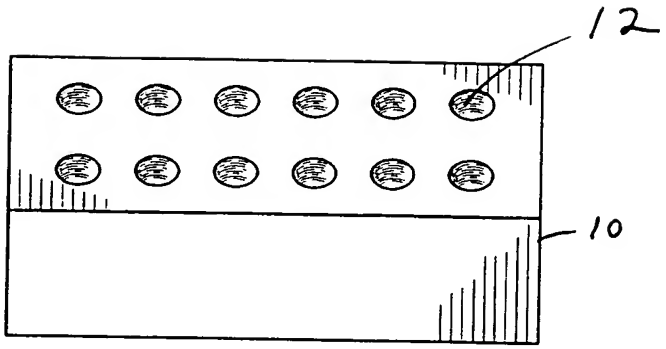


FIG. 1A

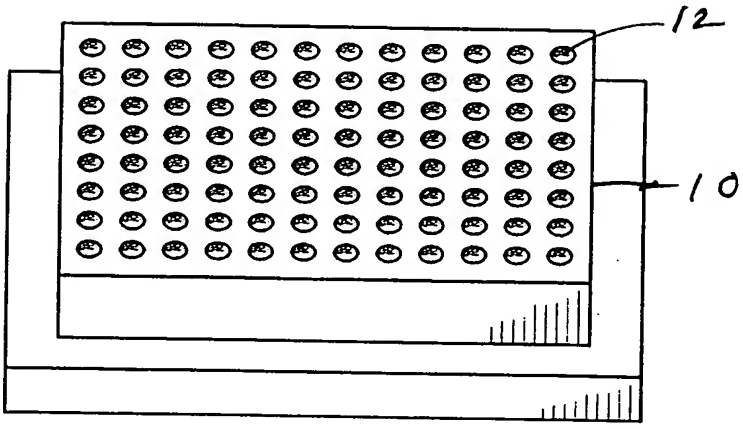


FIG. 1B

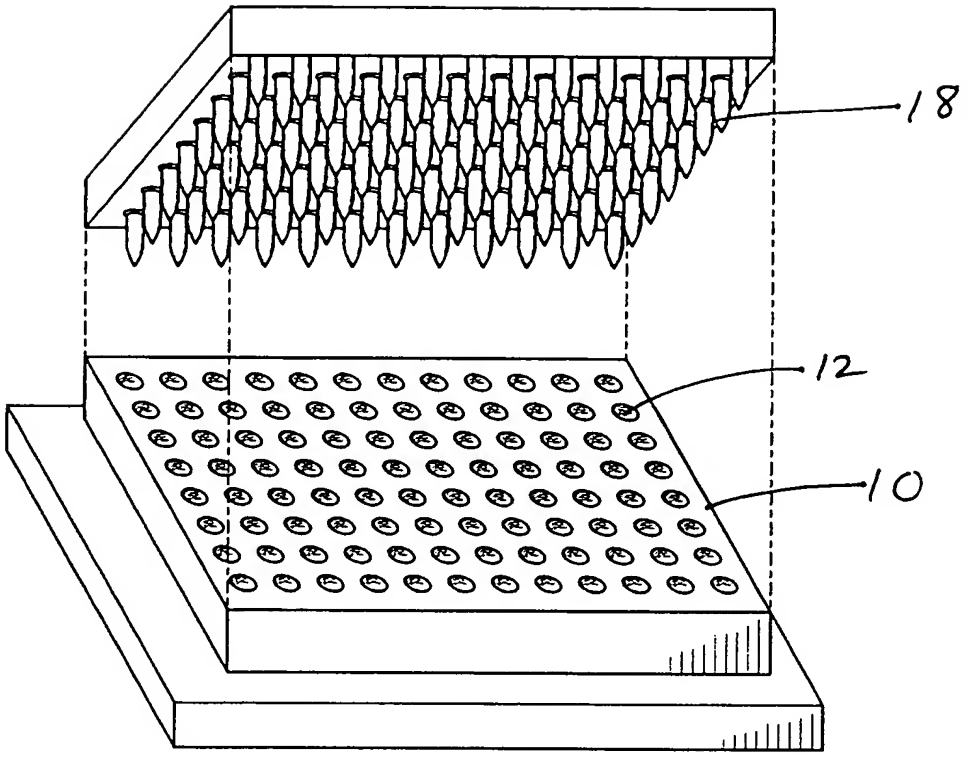


FIG. 2

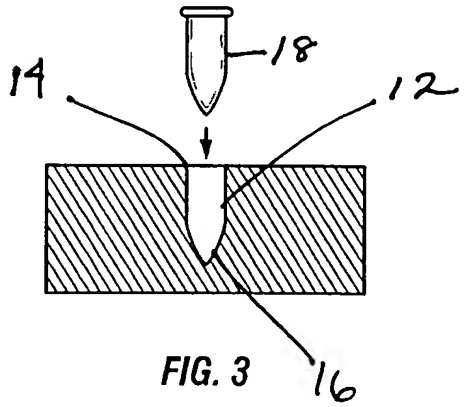


FIG. 3

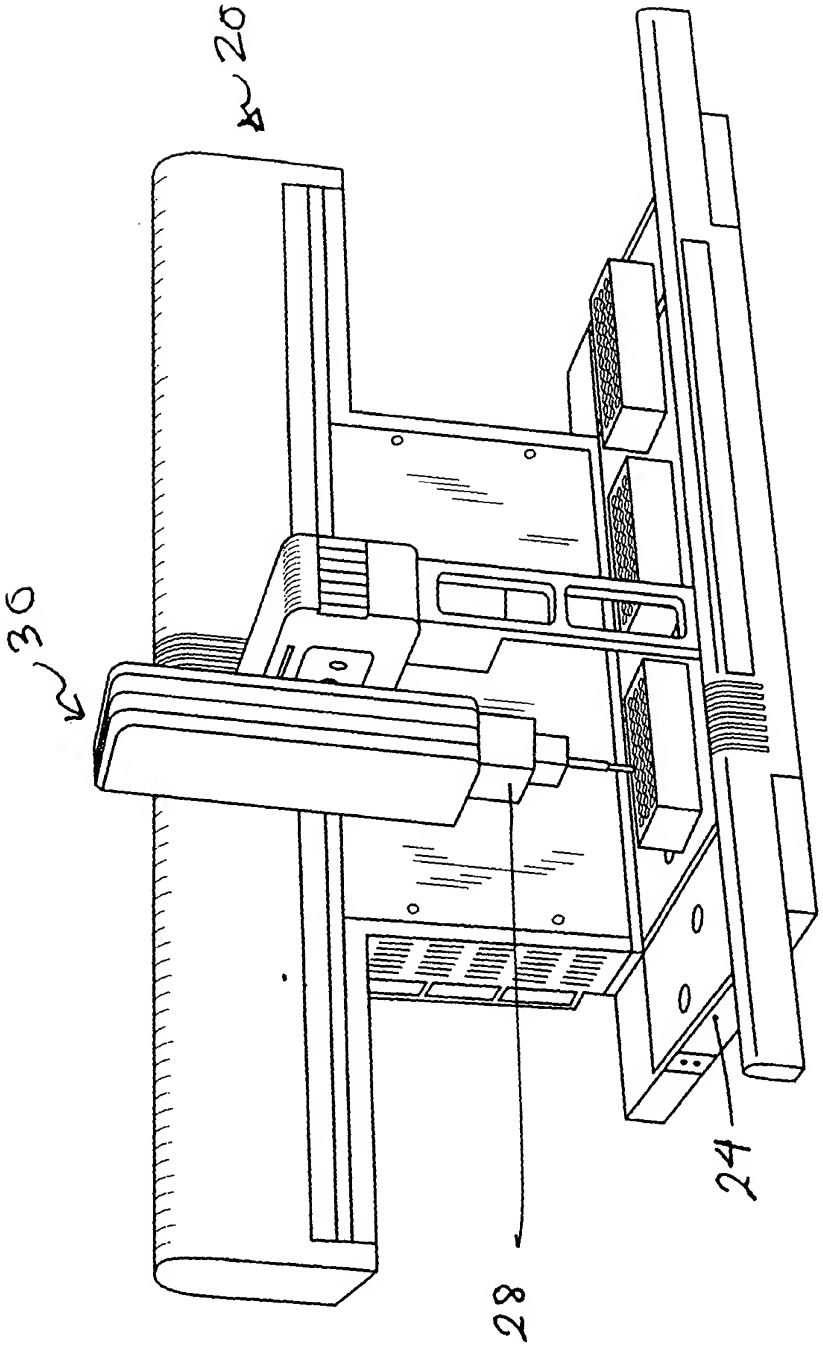


FIG. 4

Relative Quantitation Summary

Experiment Id: 132532
Description: this experiment was performed in order to test the effectiveness of the RT when plates are run in the Twister at room temperature in light
Label:
Experiment Date:
Outlier Cutoff (%CV):
SDS CALCULATOR v1.0.23

Sample Relative Quantitation

Group	Sample	Gene	Gene 3	Gene 4
normal	1	1.0	1.00	1.00
vehicle	2	19.0	6.08	3.70

Group Relative Quantitation

Gene	Group	Mean	Median	SEM	%CV	StDev
Gene 2	normal	1.00	1.00	N/A	N/A	N/A
	vehicle	19.08	19.08	N/A	N/A	N/A
Gene 3	normal	1.00	1.00	N/A	N/A	N/A
	vehicle	6.08	6.08	N/A	N/A	N/A
Gene 4	normal	1.00	1.00	N/A	N/A	N/A
	vehicle	3.70	3.70	N/A	N/A	N/A

Group To Comparator Group Relations

Group	Comparator Group
normal	normal
vehicle	normal

Amplification Efficiency Constants

Gene	Constant Value
Gene 2	1.00
Gene 3	1.00
Gene 4	1.00

FIG. 5

GENE 2

Experiment Id: 132532

Description: this experiment was performed in order to test the effectiveness of the RT when plates are run in the Twister at room temperature in light

Label: twister test
Experiment Date: 8/1/2002
Outlier Cutoff (%CV): 2
FPR Amp. Efficiency Const.: 1
SDS CALCULATOR v1.0.23

Sample	Group	Endo CT	Avg CT	%CV	A*	U**	CT	Avg CT	%CV	A*	U**	ΔCT	ΔΔCT	Relative Quantitative	
		17.81					22.20							n	1
		17.80					22.13							MEAN	1.00
		17.72					22.13							MEDIAN	1.00
		17.60					22.29							STDEV	N/A
		17.62					22.29							SEM	N/A
		17.54					22.19								
		17.60					22.17								
		17.54					22.17								
		17.50					22.23								
		17.58					22.29								
		17.55					22.18								
		17.52					22.16								
		17.64					22.26								
	1 normal	17.51	17.61		0.6		22.22	22.21	0.3			4.60	0.00	1.00	
								MEDIAN ΔCT normal				**4.60**			
								MEAN ΔCT normal				**4.60**			

*"X" – flagged for review
** "X" – removed from calculations

FIG. 6A

GENE 2

Experiment Id: 132532

Description: this experiment was performed in order to test the effectiveness of the RT when plates are run in the Twister at room temperature in light

Label: twister test
Experiment Date: 8/1/2002
Outlier Cutoff (%CV): 2
FPR Amp. Efficiency Const.: 1
SDS CALCULATOR v1.0.23

Sample	Group	Endo CT	Avg CT	%CV	A*	U**	CT	Avg CT	%CV	A*	U**	ΔCT	ΔΔCT	Relative Quantitative	
		17.80					18.04							n	1
		17.36					18.05							MEAN	19.08
		17.54					17.95							MEDIAN	19.08
		17.57					18.02							STDEV	N/A
		17.49					17.98							SEM	N/A
		17.46					17.90								
		17.58					17.85								
		17.59					17.86								
		17.65					17.91								
		17.62					17.93								
		17.43					17.85								
		17.52					17.79								
		17.58					17.84								
	2 vehicle	17.83	17.57	0.7			17.86	17.92	0.4		0.34		-4.25	19.08	

*"X" – flagged for review
** "X" – removed from calculations

FIG 6B

GENE 3

Experiment Id: 132532 Description: this experiment was performed in order to test the effectiveness of the RT when plates are run in the Twister at room temperature in light

Label: twister test

Experiment Date: 8/1/2002

Outlier Cutoff (%CV): 2

FPR Amp. Efficiency Const.: 1

SDS CALCULATOR v1.0.23

Sample	Group	Endo CT	Avg CT	%CV	A*	U**	CT	Avg CT	%CV	A*	U**	ΔCT	ΔΔCT	Relative Quantitative	
		17.81					21.06							n	1
		17.80					21.04							MEAN	1.00
		17.72					21.01							MEDIAN	1.00
		17.60					20.91							STDEV	N/A
		17.62					21.91							SEM	N/A
		17.54					21.08								
		17.60					20.92								
		17.54					21.01								
		17.50					21.08								
		17.58					21.10								
		17.55					21.10								
		17.52					21.13								
		17.64					21.07								
	1 normal	17.51	17.61		0.6		21.18	21.04	0.4			3.43	0.00	1.00	
								MEDIAN ΔCT normal				**3.43**			
								MEAN ΔCT normal				**3.43**			

*"X" – flagged for review

** "X" – removed from calculations

FIG 7A

GENE 3

Experiment Id: 132532 Description: this experiment was performed in order to test the effectiveness of the RT when plates are run in the Twister at room temperature in light

Label: twister test

Experiment Date: 8/1/2002

Outlier Cutoff (%CV): 2

FPR Amp. Efficiency Const.: 1

SDS CALCULATOR v1.0.23

Sample	Group	Endo CT	Avg CT	%CV	A*	U**	CT	Avg CT	%CV	A*	U**	ΔCT	ΔΔCT	Relative Quantitative	
		17.80					18.47							n	1
		17.36					18.55							MEAN	19.08
		17.54					18.43							MEDIAN	19.08
		17.57					18.41							STDEV	N/A
		17.49					18.44							SEM	N/A
		17.46					18.38								
		17.58					18.41								
		17.59					18.32								
		17.65					18.35								
		17.62					18.34								
		17.43					18.33								
		17.52					18.36								
		17.58					18.48								
	2 vehicle	17.83	17.57	0.7			18.35	18.40	0.4		0.83		-2.60	6.08	

*"X" – flagged for review

** "X" – removed from calculations

FIG 7B

GENE 4

Experiment Id: 132532 Description: this experiment was performed in order to test the effectiveness of the RT when plates are run in the Twister at room temperature in light

Label: twister test
Experiment Date: 8/1/2002
Outlier Cutoff (%CV): 2
FPR Amp. Efficiency Const.: 1
SDS CALCULATOR v1.0.23

Sample	Group	Endo CT	Avg CT	%CV	A*	U**	CT	Avg CT	%CV	A*	U**	ΔCT	ΔΔCT	Relative Quantitative	
		17.81					32.83							n	1
		17.80					32.12							MEAN	1.00
		17.72					32.12							MEDIAN	1.00
		17.60					32.69							STDEV	N/A
		17.62					32.51							SEM	N/A
		17.54					32.44								
		17.60					32.57								
		17.54					32.82								
		17.50					32.96								
		17.58					32.44								
		17.55					32.35								
		17.52					32.44								
		17.64					32.43								
	1 normal	17.51	17.61		0.6		32.71	32.53	0.8			14.92	0.00	1.00	
								MEDIAN ΔCT normal				**14.92**			
								MEAN ΔCT normal				**14.92**			

*"X" – flagged for review
** "X" – removed from calculations

FIG 8A

GENE 4

Experiment Id: 132532 Description: this experiment was performed in order to test the effectiveness of the RT when plates are run in the Twister at room temperature in light

Label: twister test

Experiment Date: 8/1/2002

Outlier Cutoff (%CV): 2

FPR Amp. Efficiency Const.: 1

SDS CALCULATOR v1.0.23

Sample	Group	Endo CT	Avg CT	%CV	A*	U**	CT	Avg CT	%CV	A*	U**	ΔCT	ΔΔCT	Relative Quantitative	
		17.80					30.45							n	1
		17.36					30.53							MEAN	3.70
		17.54					30.39							MEDIAN	3.70
		17.57					30.41							STDEV	N/A
		17.49					30.37							SEM	N/A
		17.46					30.47								
		17.58					30.67								
		17.59					30.75								
		17.65					30.80								
		17.62					30.57								
		17.43					30.72								
		17.52					30.93								
		17.58					30.74								
	2 vehicle	17.83	17.57	0.7			30.71	30.61	0.6		13.03		-1.89	3.70	

*"X" – flagged for review

** "X" – removed from calculations

FIG 8B

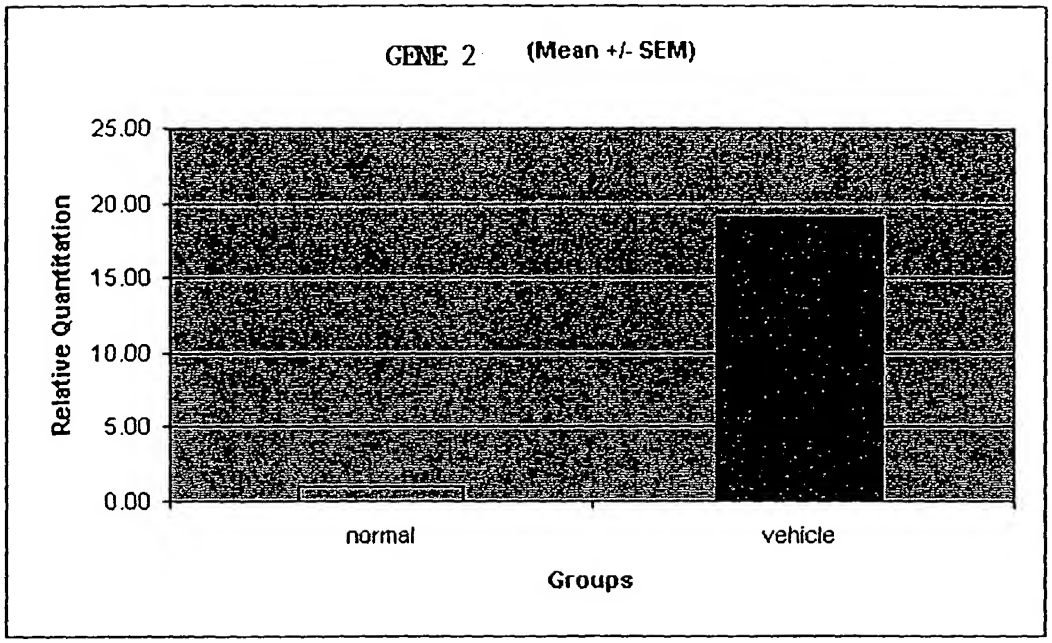

GENE 2
(Mean +/- SEM)
25.00
20.00
15.00
10.00
5.00
0.00
Relative Quantitation
normal
vehicle
Groups

FIG 9

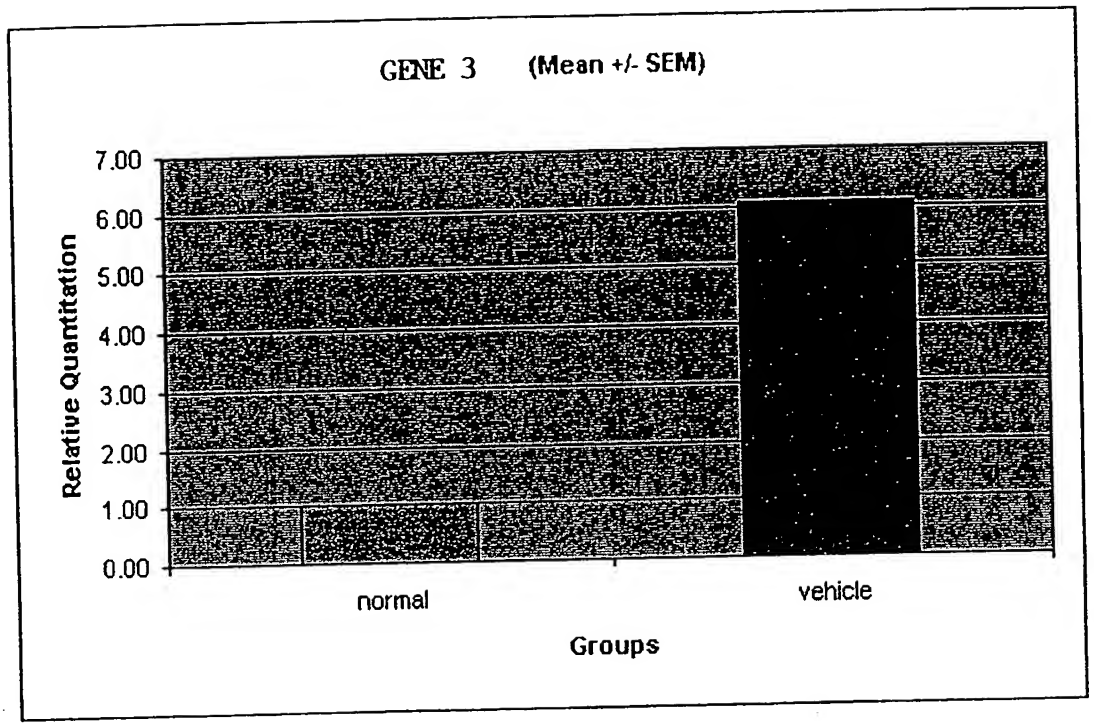

GENE 3 (Mean +/- SEM)
Relative Quantitation
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
normal
vehicle
Groups

FIG 10

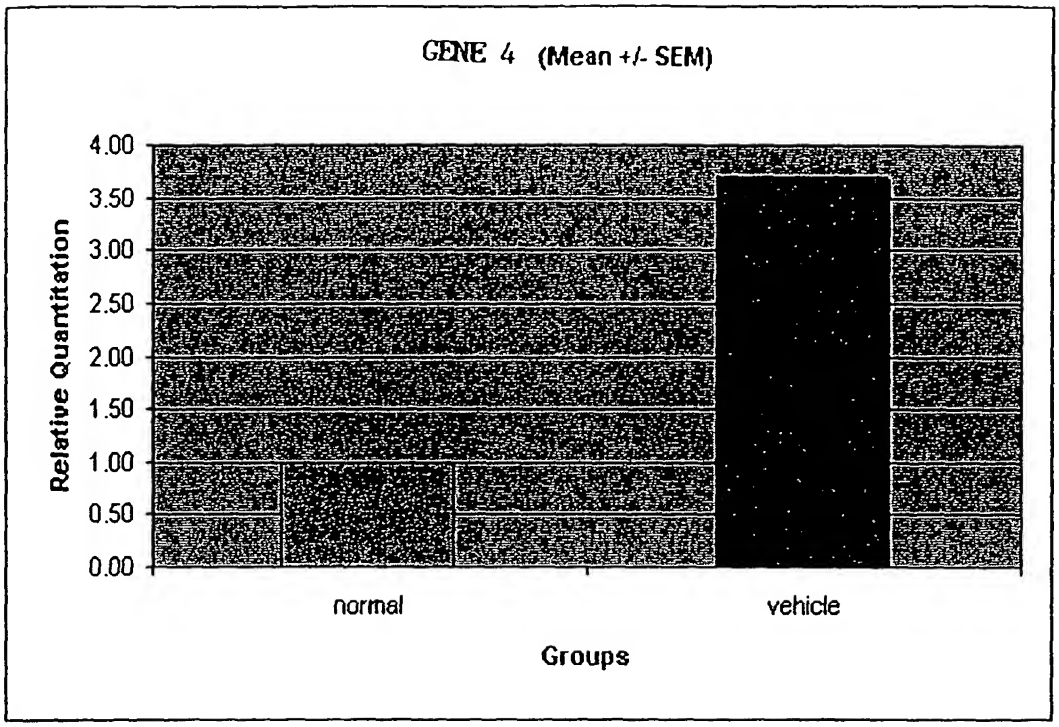
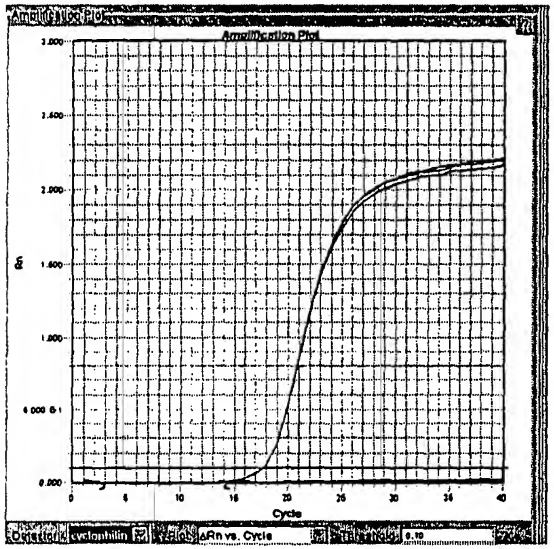

GENE 4 (Mean +/- SEM)
Relative Quantitation
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
normal
vehicle
Groups

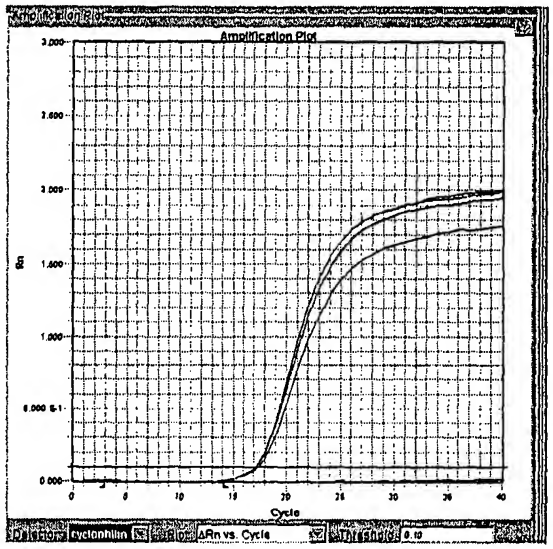
FIG 11

Gene A – Linear View

10:45 – 12:50
08/09/02



19:11 – 21:16
08/09/02



1:35 – 3:40
08/10/02

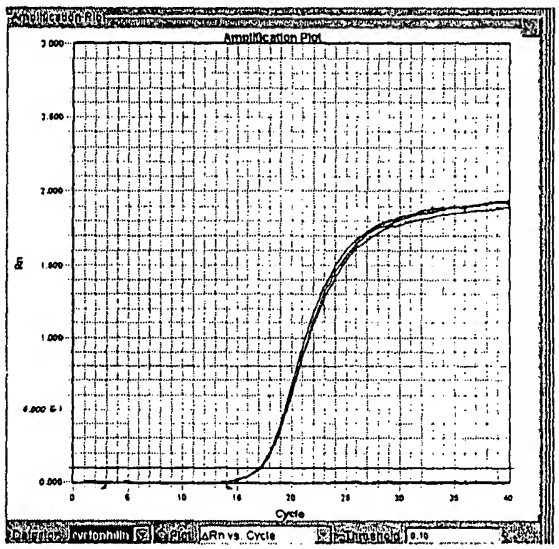
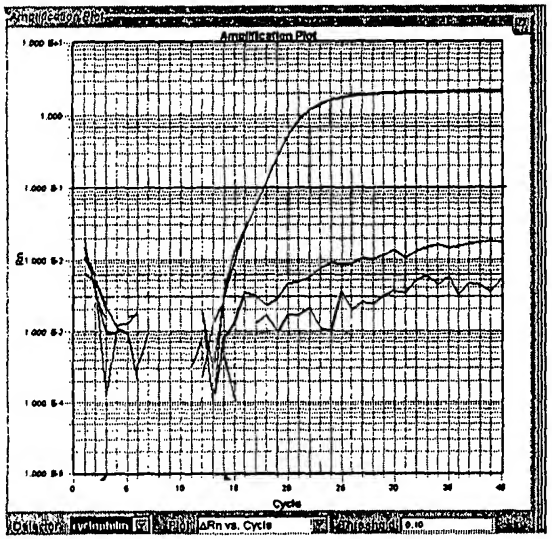


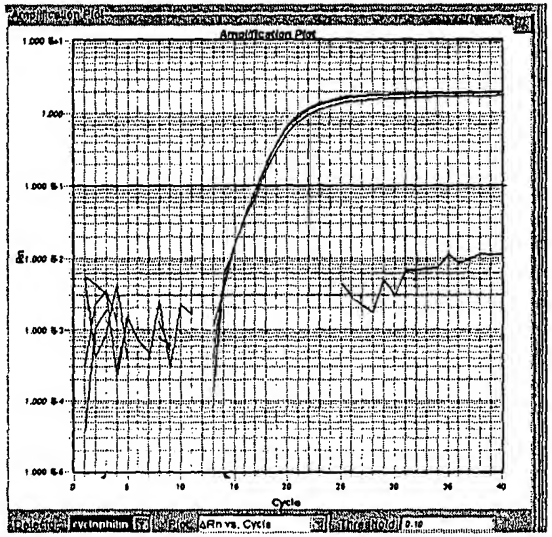
FIG 12

Gene A – Log View

10:45 – 12:50
08/09/02



19:11 – 21:16
08/09/02



1:35 – 3:40
08/10/02

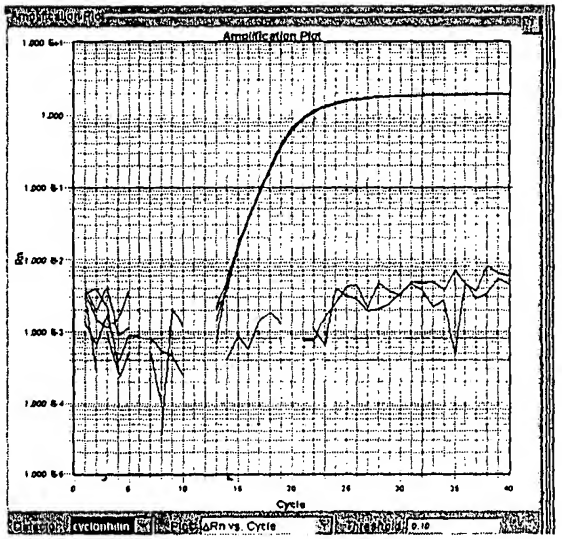
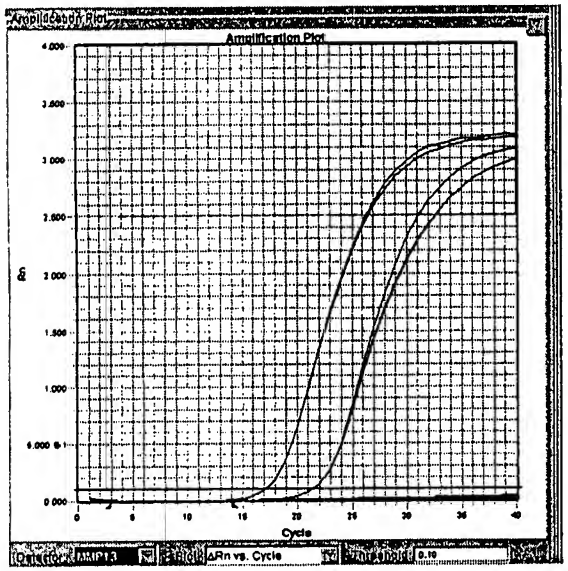


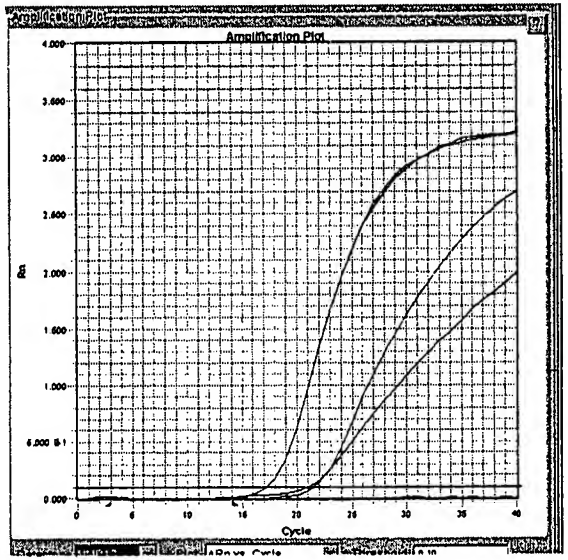
FIG 13

Gene B - Linear View

10:45 – 12:50
08/09/02



19:11 – 21:16
08/09/02



1:35 – 3:40
08/10/02

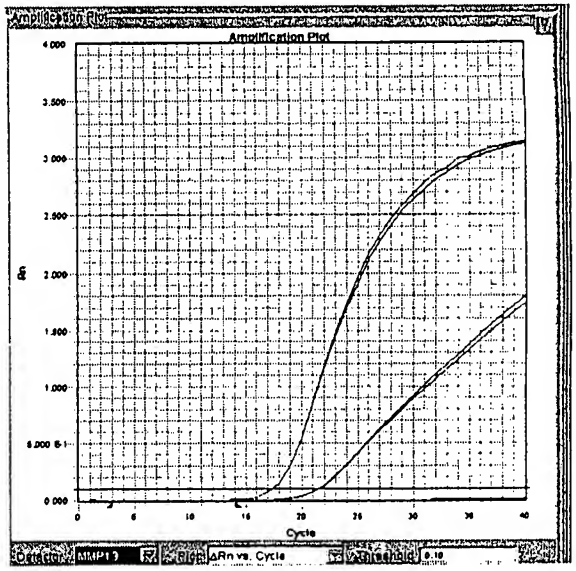
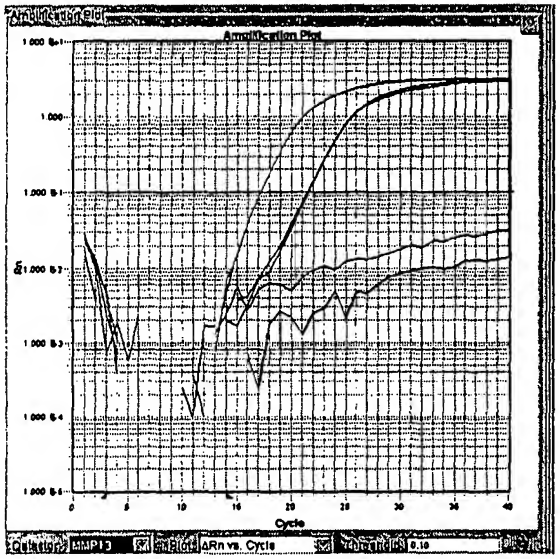


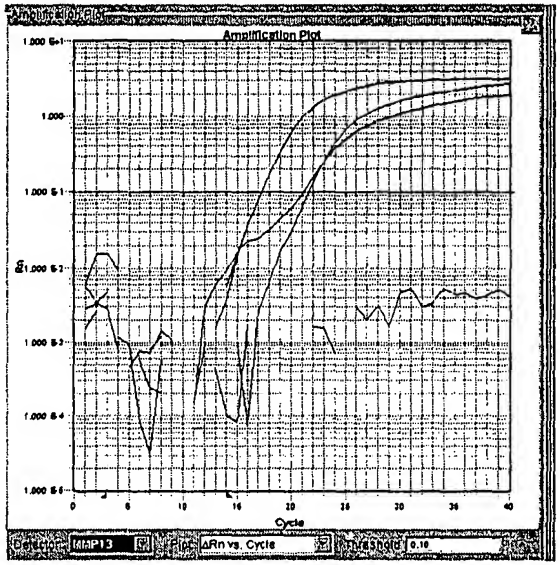
FIG 14

Gene B - Log View

10:45 – 12:50
08/09/02



19:11 – 21:16
08/09/02



1:35 – 3:40
08/10/02

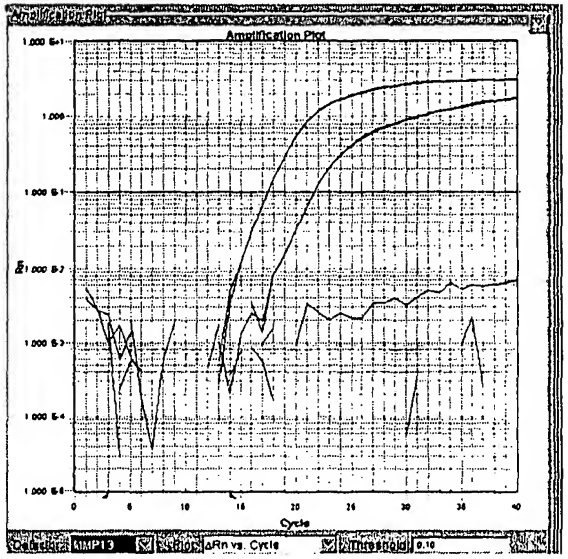
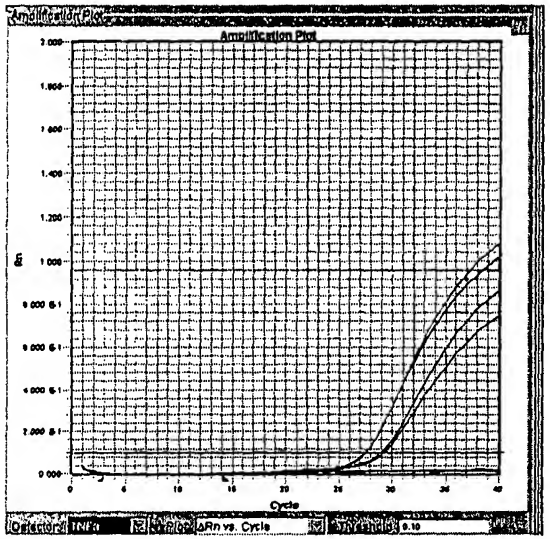


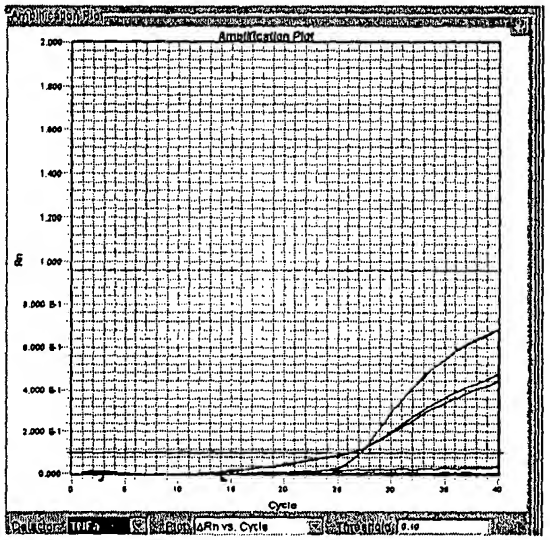
FIG 15

Gene C – Linear View

10:45 – 12:50
08/09/02



19:11 – 21:16
08/09/02



1:35 – 3:40
08/10/02

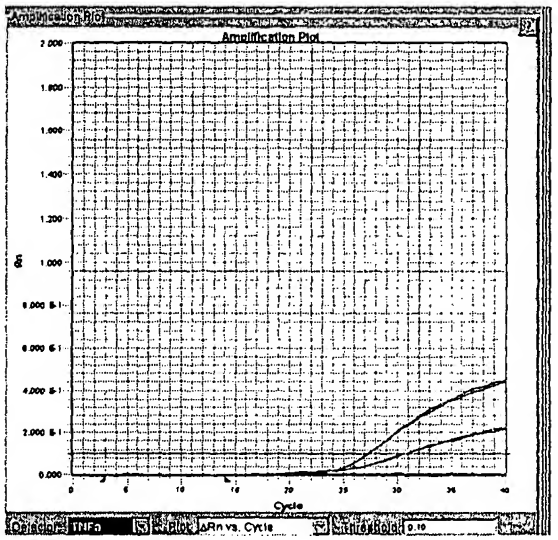
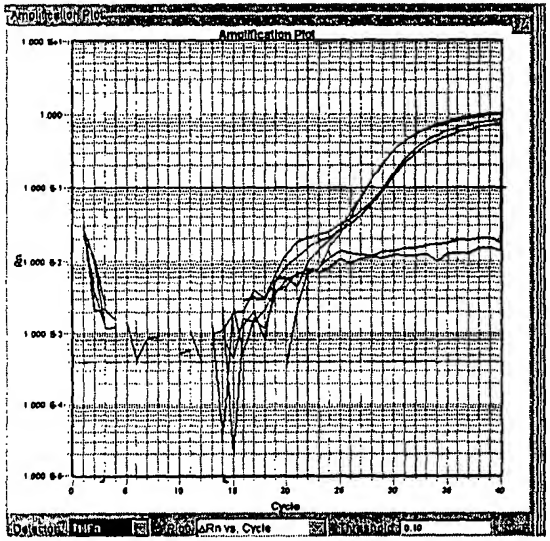


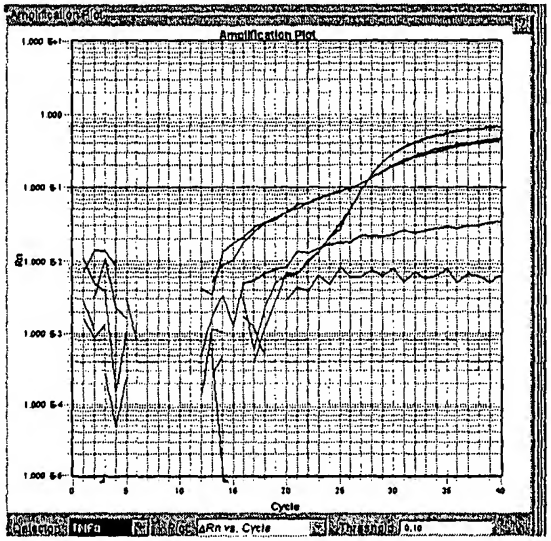
FIG 16

Gene C – Log View

10:45 – 12:50
08/09/02



19:11 – 21:16
08/09/02



1:35 – 3:40
08/10/02

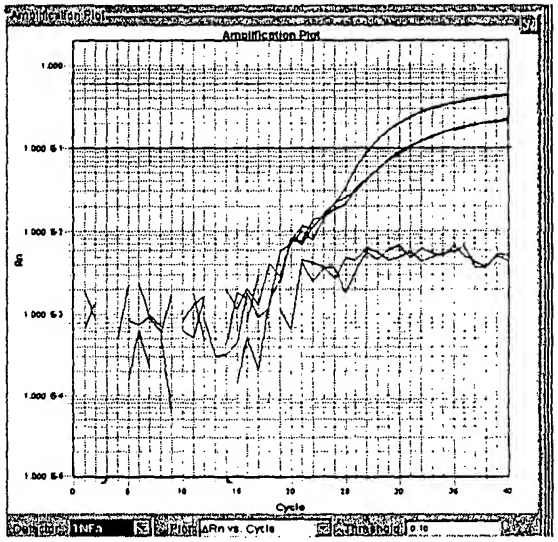
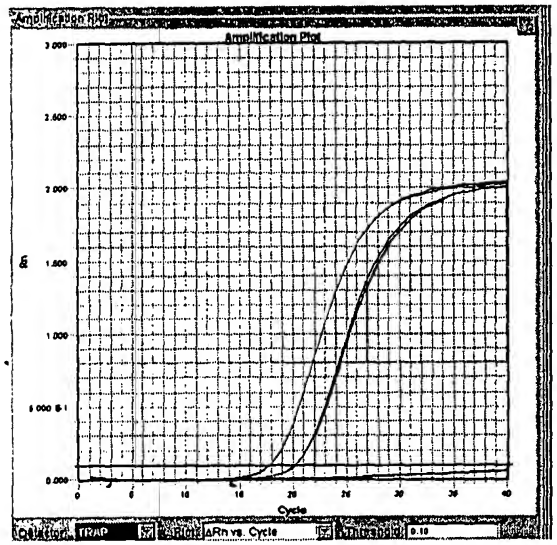


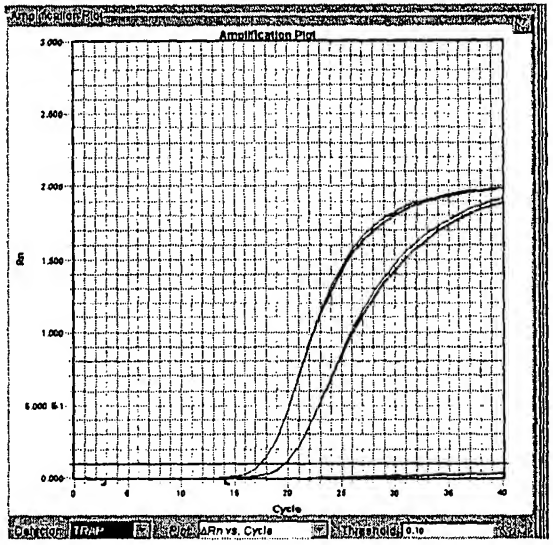
FIG 17

Gene D – Linear View

10:45 – 12:50
08/09/02



19:11 – 21:16
08/09/02



1:35 – 3:40
08/10/02

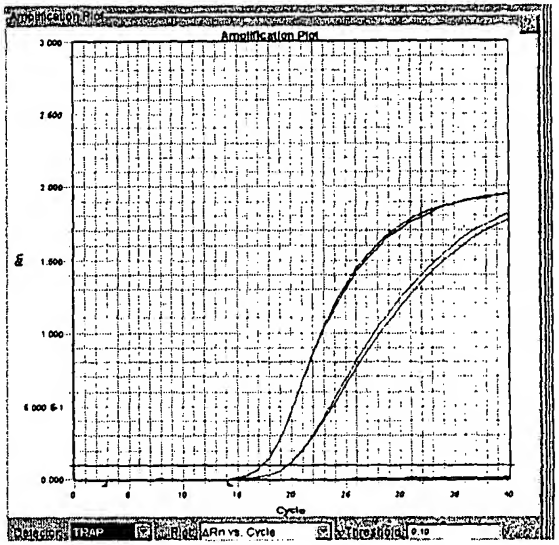
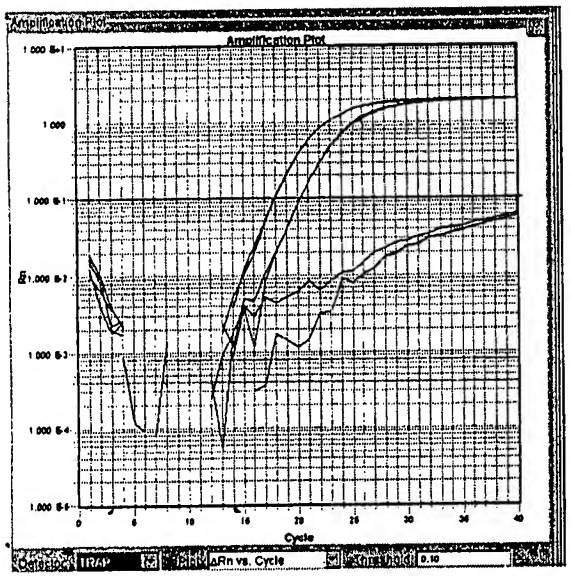


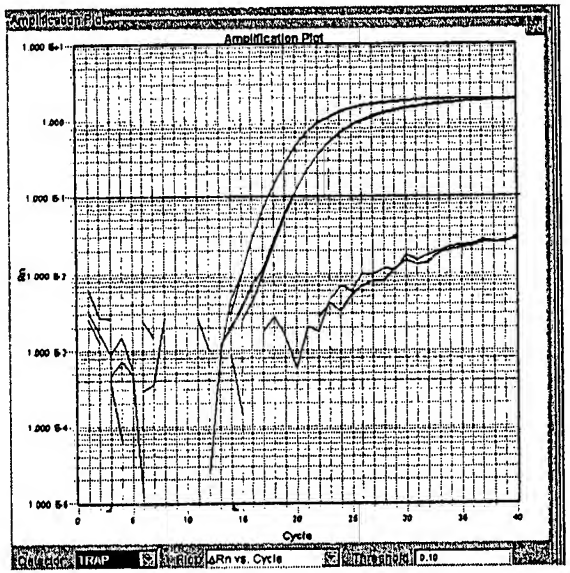
FIG 18

Gene E – Log View

10:45 – 12:50
08/09/02



19:11 – 21:16
08/09/02



1:35 – 3:40
08/10/02

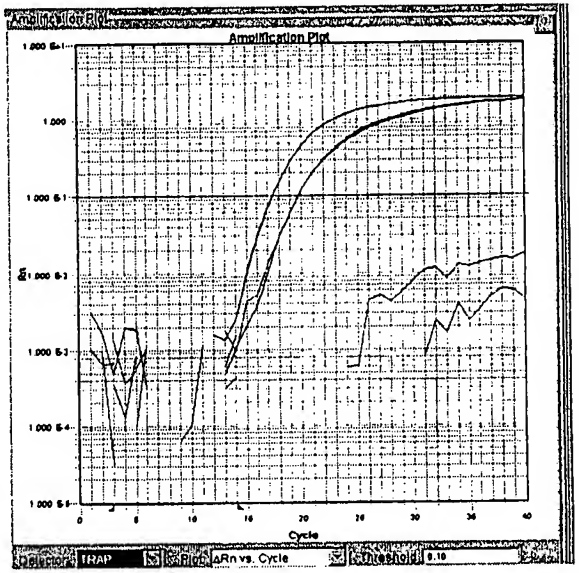


FIG 19